Contents	Reference to last Measurement
7	8

First and Final Bill

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. Improvement to solid waste Management in ward No. 08.

Name of Work ..... From..... To.....

258070

Name of Contractor of nature of Agency Sri. Mallikarjuna Swamy S.R. Bangalore-40.

Date of commencement of work 4.8.2020

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimate cost:	Rs. 7.50 lakhs					
	Job code:	008-20-000048					
	Work order:	BBMP/EE/BTP/WO/67/2020-21				Dt	04/08/2020
	Date of Recording:	21-09-2020					
1)	Supplying, installation, commissioning and testing CP PLUS 3MP 50m IP bullet camera 1/3" 3MP PS CMOS image sensor max 25 fps @ 3MP 25/30 fps @ 1080P H.264(H), H.264(B), MJPEG dual						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	codec encoding DWDR Day/Night (ICR) 3DNR, ROI, AWB AGC, BLC, HLC 3.6mm fixed lens (6mm optional) IR Range of 50 m IP67 SD card, POE mobile software: COMS & CMOS CMS software: KVMS Pro roplinius pro including of all taxes and transportation charges as per direction of engineer incharge of work						
	1) 1st CROSS BB Nagar	4	-	-	-	4	
	2) 9th main Sahakaranagara 'C' Block	4	-	-	-	4	
						8 Nos	155080=00
						Cr. 19385=0 No	
	2) Supplying, installation, commissioning and testing CP PLUS						

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	32 ch H265 4K Netwo IP camera input H26 8MP resolution preview bandwidth support 4SATA VCA simultaneous n/w camera ONVIF version 2 & CMOS inclusive of all t the direction of engineer

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258071

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	32 ch H265 4K Network video Recorder up to 32 channel Ip camera input H265 H/264 dual codec decoding up to 8MP resolution preview and playback max 200Mbps incoming bandwith support 4SATA HDDs up to 2TB 2 USB (1 USB 3.0) 1 HDMI VGA simultaneous video output support Multi Brand network camera ONVIF version 2.4 conformance mobile software iCMOS & CMOS inclusive of all taxes and transportation charges as per the direction of engineer in charge & done.	1	-	-	1 NO	55988=00
				@Rs. 55988=00/NO			

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Providing and supplying NAS hard disk drives 6 TB including all taxes and transportation charges as per the direction of engineer in charge of work.	1	-	-	-	1 No	19125=00
				@Rs. 19125=00/No			
4)	Supplying, installation, commissioning and testing 24 port Gigabit switch with 4 combo SFP ports including all taxes and transportation charges as per the direction of engineer in charge of work.	1	-	-	-	1 No	29546=00
				@Rs. 29546=00/No			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
5)	Supplying, installation, Gigabit switch with 2 and transportation ch of work.

Assistant Executive Eng
Kodigehalli Sub Divisi
Yelahanka Zone, B.B.M
Bangalore.

M. A. R. 57 (Rule 116)

Measurement Book

No. B 258072

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5) Supplying, installation, commissioning and testing 8 port Gigabit switch with 2 combo SFP port inclusive of all taxes and transportation charges as per direction of engineer in charge of work.						
	CR	1	-	-	-	1	
	CPE	1	-	-	-	1	
						2 Nos	
	Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.				Ch. 23855=00		47710=00

Reference to last Measurement 8

19125=00

29546=00

MEASU NT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	6) Providing and supplying CAT 6 out door 305 m cable box including of all taxes and transportation charges as per the direction of engineer in charge of work.	1	-	-	-	1 NOs	53777=00
				@Rs. 53777=00 1 NO			
	7) Providing and fixing media converter Giga bit including of all taxes and transportation charges as per the direction of engineer in charge of work	1	-	-	-	1 NO	10211=00
				@Rs. 10211=00 1 NO			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	8) Providing and fixing of all taxes and tr of engineer in charge CCTV location 1
	CCTV location 2

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Yelahanka Z
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Contents	Reference to last Measurement
7	8
ble box es per 1 Nos = Nos me inclusive erections 1 No Nos	53777=00 10211=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

Name of Work ..... From..... To.....

258073

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8/	Providing and drawing OFC cable single mode 6 core including of all taxes and transportation charges as per the direction of engineer in charge of work.						
	CCTV location 1	11	30.00	-	-	330.00	
		1	8.00	-	-	8.00	
	CCTV location 2	11	30.00	-	-	330.00	
		1	12.00	-	-	12.00	
				Total qty		680.00 Mtr	
				qty Limited to		665.00 Mtr	91970=00
				@Rs. 138.30/Mtr			

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	9) Providing CCTV MS poles with camera fixing brackets 5 to 6 m height box including of all taxes and transportation charges as per the direction of engineer in charge of work.	1	-	-	-	1	
		1	-	-	-	1	
						2 Nos	
						Say. 18832=00 Per No	37664=00
	10) Providing and fixing MS bores for poles with rust proof powder coating box including of all taxes and transportation charges as per the direction of engineer in charge of work	1	-	-	-	1	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	11) Providing and fixing el... Supply, fixing PVC boa... with protection MCB ca... Poles as per the direction...

Assistant Executive E...
Kodigehalli Sub Div...
Yelahanka Zone, B...
Bangalore

M. A. R. 57 (Rule 116)
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No. B

Serial No. .....

Name of Work ..... From..... To.....

258074

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	-	-	-	1	
						2 Nos	
						@ Rs. 795.2=00 Nos	1590.4=00
11)	Providing and fixing electrical work for boxes for power supply, fixing PVC boards with three pin sockets and switches with protection MCB and casting to detect light electrical poles as per the direction of engineer in charge						
		1	-	-	-	1	
		-	-	-	-	1	

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						2 Nos	
				Rs. 7115=00/No			14230=00
12)	Providing internet charges connecting CCTV with IP based for one month CAPEX						
		1	-	-	-	1	
		1	-	-	-	1	
						2 Nos	5858=00
				Rs. 2929=00/No			
13)	Providing and fixing SFP-2X-SM QSFP MODULE 50% inclusive of all taxes and transportation charges as per Lo						

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	direction & engine
14)	Providing and fixin & all taxes and tra engineer in charge CCTV camera pole

	Contents	Reference to last Measurement
	7	8
	2 NOS	
		142307.00
	UD/NO	
	IP based	
	1	
	1	
	2 NOS	5858.00
	=00/NO	
	ULE SOX	
	as per I&C	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258075

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	direction & engineer in charge						
		1	-	-	-	1	
		1	-	-	-	1	
						2 NOS	10880.00
					@Rs. 5440.00/NO		
14)	Providing and fixing fibre optic patch chords 50% including of all taxes and transportation charges as per the direction & Engineer in charge						
	CCTV camera pole 1	3	-	-	-	3	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CCTV camera pole 2	2	-	-	-	2 Nos	
						5 Nos	
						@ Rs. 1814-40/No	9072-00
15)	Erecting of pole :- The pole shall be erected in cement concrete work (1:2:4) including earth work excavation and refilling of planting depth of the pole to the ground level and the copping CC shall be upto 0.6m above ground level as per Erection of Lighting pole on footpath						
	a) 7.5m						
	CCTV camera pole 1	1	-	-	-	1	
	CCTV camera pole 2	1	-	-	-	1	

Assistant Executive Engineer
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P
Bangalore.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
16)	Providing and fixing HD... Letters and transportation... engineer in charge
	CCTV camera pole 1
	CCTV camera pole 2

Assistant Executive Engineer
Kodigehalli Sub Division.
Yelahanka Zone, B.B.M.P
Bangalore.

M. A. R. 57 (Rule 116)
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No. B

Serial No. .....

Name of Work ..... From..... To.....

258076

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						2 Nos	
				@Rs. 5356=00/No			10712=00
18)	Providing and fixing HDMI cable 10 ft inclusive of all taxes and transportation charges as per the direction of engineer in charge						
	CCTV camera pole 1	1	-	-	-	1	
	CCTV camera pole 2	1	-	-	-	1	
						2 Nos	10880=00
				@Rs. 5440=00/No			

17/09/2020

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	17) Supplying, installation, commissioning and fully wired manager application software for display and management of camera on wided display box including of all taxes and transportation charges as per the direction of engineer in charge	1	-	-	-	1 NO	27203=00
						@Rs. 27203=00/NO	
	18) Supplying, installation commissioning and fully patch cords CAT 6 in box including of all taxes and transportation charges as per the direction of engineer in charge						
	CCTV location 1	7	-	-	-	7	

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Serial No. .....

Name of Work ..... Fron

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
	CCTV location 2	8
	Verified Sd/- 23/09/24 PE C/M	
	Sd/- (Engg.-2)	
	Assistant Executive Engg & Telec Kodigehalli Sub Divis Yelahanka Zone, B.B. Bangalore.	

Contents 7	Reference to last Measurement 8
...y video ...manage... ...ll taxes ...neer 1 NO ...d NO ...y Patel ...nsportation 7	27203=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

258077

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CCTV location 2 Verified 23/09/24 RE C/O Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P. Bangalore.	8	-	-	-	8 NOs 15 NOs	15075=00
					@Rs. 1005=00/NO		
					Sub total		620885=00
					GST @12%		74506=00
					grand total		695391=00
							620800

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: 1) certified that the above work done is satisfactorily. 2) certified that the contractor has clear all the debris from the work spot. 3). certified that there is no departmental issues with the contractor. JE WB 29/09/2020 21/9/2020 Assistant Executive Engineer. Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	 Railway P

ontents	Reference to last Measurement
7	8
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issues with the	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

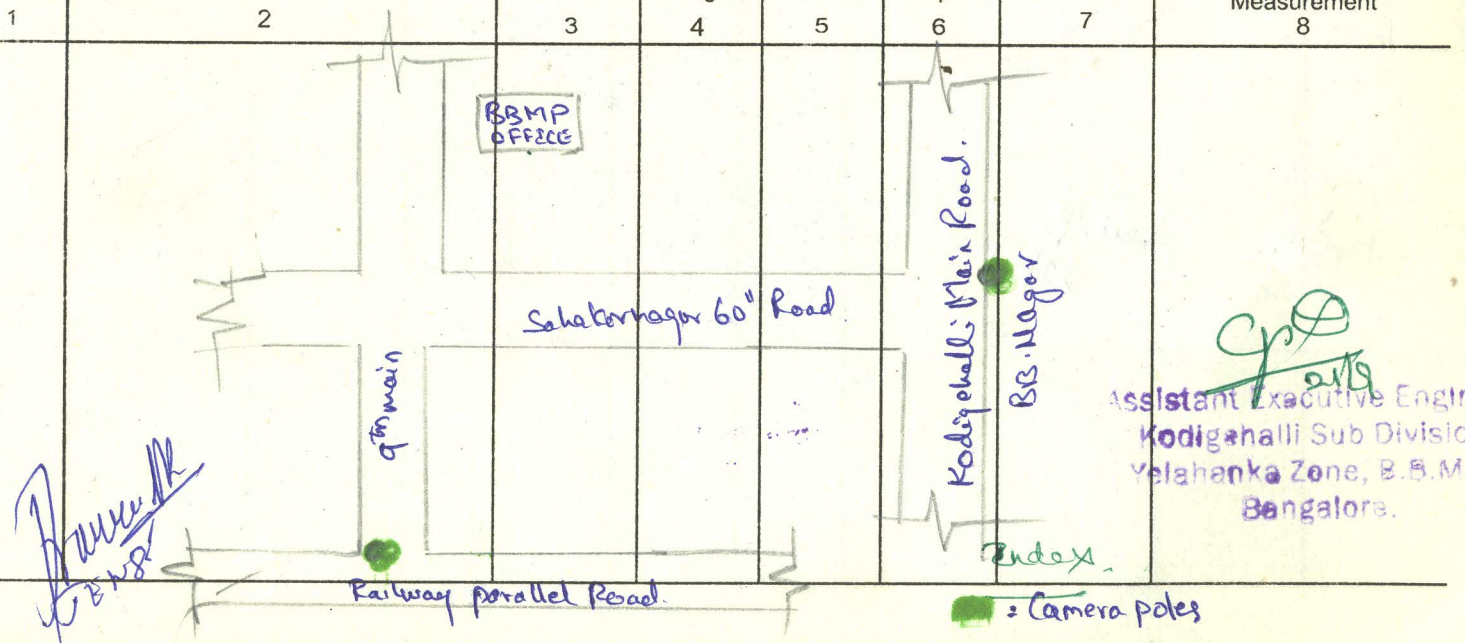
Serial No. .....

Name of Work ..... From..... To.....

258078

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

Assistant Executive Engr
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M.
Bangalore.

1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	P 3298						
	ಲೆಕ್ಕಶೀರ್ಷಿಕೆ 14th finance Commision ರಡಿ						
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 620800/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.						
	ಇದರಲ್ಲಿ ರೂ. 24500/- ಗಳನ್ನು ಮುಂದಾಣಿಕೆ						
	ಮಾಡಿಕೊಂಡು ರೂ 596300/- ಗಳನ್ನು						
	FT/NEFT/RTGS ಮುಖಾಂತರ ನಿಯಮಾನುಸಾರ						
	ವಿಜಯ ಬ್ಯಾಂಕ್ ನಿರ್ವಾಹಕರು ಬ್ಯಾಂಕಾಯುಕ್ತರು 23/09						
	ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಂಕಾಯುಕ್ತರು ಬಿಬಾ 23/09 ಬೃ.ಬೆ.ಮಾ. ಬೆಂಗಳೂರು						
	TTB				620800		
	I+				6208		
	Cust				5543		
	SCst				5543		
	Cen				6208		
	CBF				621		
	CR				372		
	Ded				24500		
	Chq				596300		

Serial No. .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	